AFX

ELF BEAM 100 MOVING HEAD



Manufacturer	**AFX**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**19, 20 channels**
Beam angle	**25°**
Pan range	**530°**
Tilt range	**280°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**CA3961CB-6BE9-42FA-B8F4-CC…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Effect speed · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

16 Channel	19 ch
20 Channel	20 ch

16 Channel

19 channels

Ch	Function	Default	DMX values
1	Pan	85	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	255	0–3 Off 4–251 Slow To Fast 252–255 Open
7	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 3) 15–19 Red + Yellow (wheel slot 4) 20–24 Yellow (wheel slot 5) 25–29 Yellow + Green (wheel slot 6) 30–34 Green (wheel slot 7) 35–39 Green + Purple (wheel slot 8) 40–44 Purple (wheel slot 9) 45–49 Purple + Cyan (wheel slot 10) 50–54 Cyan (wheel slot 11) 55–59 Cyan + Orange (wheel slot 12) 60–64 Orange (wheel slot 13) 65–69 Orange + Light Green (wheel slot 14) 70–74 Light Green (wheel slot 15) 75–79 Light Green + Pink (wheel slot 16) 80–84 Pink (wheel slot 17) 85–89 Pink + Blue (wheel slot 18) 90–94 Blue (wheel slot 19) 95–99 Blue + White (wheel slot 20) 100–177 Clockwise (wheel slot 21) 178–255 Anti Clockwise (wheel slot 22)

16 Channel (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–4 Gobo 1 5–9 Gobo 2 10–14 Gobo 3 15–19 Gobo 4 20–24 Gobo 5 25–29 Gobo 6 30–34 Gobo 7 35–39 Gobo 8 40–44 Gobo 9 45–49 Gobo 10 50–54 Gobo 11 55–59 Gobo 12 60–64 Gobo 13 65–69 Gobo 14 70–74 Gobo 15 75–84 White Shake 85–89 Gobo Shake 1 90–94 Gobo Shake 2 95–99 Gobo Shake 3 100–104 Gobo Shake 4 105–109 Gobo Shake 5 110–114 Gobo Shake 6 115–119 Gobo Shake 7 120–124 Gobo Shake 8 125–129 Gobo Shake 9 130–134 Gobo Shake 10 135–139 Gobo Shake 11 140–144 Gobo Shake 12 145–149 Gobo Shake 13 150–154 Gobo Shake 14 155–159 Gobo Shake 15 160–207 Positive Flow Fast To Slow 208–255 Reverse Flow Slow To Fast
9	Prism	0	0–127 Prism 1 Out 128–255 Prism 1 In
10	Prism Rotation	0	0–127 Prims Angle Adjustment 128–190 Reverse Rotation 191–192 Stop 193–255 Forward Rotation
11	Reserved 11	0	
12	Prism Rotation	0	0–127 Prism Angle Adjustment 128–190 Reverse Rotation 191–192 Stop 193–255 Forward Rotation
13	Focus	0	
14	Control1	0	0–127 Out 128–255 In
15	Frost1	0	0–127 Frost Out 128–255 Frost In
16	Control1	0	0–49 No Function 50–99 Small Motor Reset 100–199 Big Motor Reset 200–255 All Motor Reset
17	Shutter / Strobe	0	
18	Effect	0	
19	Effect Speed	0	

20 Channel

20 channels

Ch	Function	Default	DMX values
1	Pan	85	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	
6	Shutter / Strobe	255	0–3 Off 4–251 Strobe · Slow To Fast 252–255 Open
7	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 3) 15–19 Red + Yellow (wheel slot 4) 20–24 Yellow (wheel slot 5) 25–29 Yellow + Green (wheel slot 6) 30–34 Green (wheel slot 7) 35–39 Green + Purple (wheel slot 8) 40–44 Purple (wheel slot 9) 45–49 Purple + Cyan (wheel slot 10) 50–54 Cyan (wheel slot 11) 55–59 Cyan + Orange (wheel slot 12) 60–64 Orange (wheel slot 13) 65–69 Orange + Light Green (wheel slot 14) 70–74 Light Green (wheel slot 15) 75–79 Light Green + Pink (wheel slot 16) 80–84 Pink (wheel slot 17) 85–89 Pink + Blue (wheel slot 18) 90–94 Blue (wheel slot 19) 95–99 Blue + White (wheel slot 20) 100–177 Clockwise (wheel slot 21) 178–255 Anti Clockwise (wheel slot 22)

20 Channel (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–4 Gobo 1 5–9 Gobo 2 10–14 Gobo 3 15–19 Gobo 4 20–24 Gobo 5 25–29 Gobo 6 30–34 Gobo 7 35–39 Gobo 8 40–44 Gobo 9 45–49 Gobo 10 50–54 Gobo 11 55–59 Gobo 12 60–64 Gobo 13 65–69 Gobo 14 70–74 Gobo 15 75–84 White Shake 85–89 Gobo Shake 1 90–94 Gobo Shake 2 95–99 Gobo Shake 3 100–104 Gobo Shake 4 105–109 Gobo Shake 5 110–114 Gobo Shake 6 115–119 Gobo Shake 7 120–124 Gobo Shake 8 125–129 Gobo Shake 9 130–134 Gobo Shake 10 135–139 Gobo Shake 11 140–144 Gobo Shake 12 145–149 Gobo Shake 13 150–154 Gobo Shake 14 155–159 Gobo Shake 15 160–207 Positive Flow Fast To Slow 208–255 Reverse Flow Slow To Fast
9	Prism	0	0–127 Prism 1 Out 128–255 Prism 1 In
10	Prism Rotation	0	0–127 Prims Angle Adjustment 128–190 Reverse Rotation 191–192 Stop 193–255 Forward Rotation
11	Prism	0	0–127 Prism 2 Out 128–255 Prism 2 In
12	Prism Rotation	0	0–127 Prism Angle Adjustment 128–190 Reverse Rotation 191–192 Stop 193–255 Forward Rotation
13	Focus	0	
14	Control1	0	
15	Frost1	0	0–127 Frost Out 128–255 Frost In
16	Control2	0	0–49 No Function 50–99 Small Motor Reset 100–199 Big Motor Reset 200–255 All Motor Reset
17	Position MSpeed	0	
18	Color1Wheel Spin	0	
19	Control3	0	
20	Gobo Rotation	0	